

METHODS FOR ADMINISTRATION OF RECOMBINANT  
GENE DELIVERY VEHICLES FOR TREATMENT OF HEMOPHILIA  
AND OTHER DISORDERS

Abstract of the Disclosure

- 5               Methods are provided for obtaining measurable levels of a protein, nucleic acid molecule, or enzymatic product in a bodily fluid or cells of a human, comprising the step of administering to a human a recombinant retroviral preparation having a titer on HT1080 cells of greater than  $10^5$  cfu/ml, wherein the recombinant retroviral preparation is capable of directing the expression of a protein, nucleic acid molecule, or enzyme which generates an enzymatic
- 10   product, such that measurable levels of the protein, nucleic acid molecule, or enzymatic product may be obtained in the bodily fluid or cells of the human.